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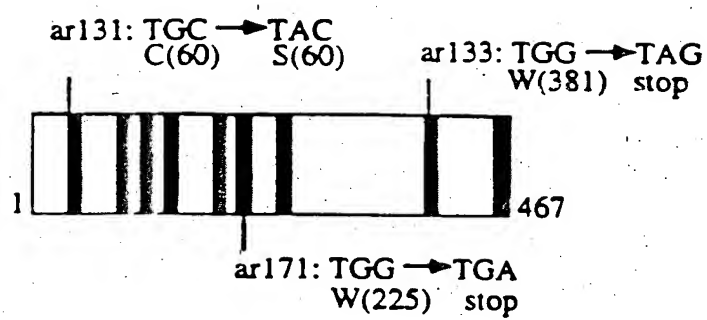
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FIGURE 1B



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## FIGURE 2A

SEL-12	.....	.....	.....	.....	..MPSTRRQQ
S182	.....MTEIP	APLSYFQNAQ	MSEDNHLST	VRSQNDNRER	QEH.NDRRSL
E5-1	MLTFMASDSE	EEVCDERTSL	MSAESPTPRS	CQEGRQGPED	GENTAQRWSQ

SEL-12	EGGGADAETH	TVYGTNLITN	RNSQEDENVV	EEAE LKYGAS	HVI HLFVPVS
S182	GHPEPLSNGR	PQGNSRQVVE	QDEED....	EELT LKYGAK	HVI M LFPVPT
E5-1	ENEEDGEEDP	DRYVCSGVPG	RPPGLE....	EELT LKYGAK	HVI M LFPVPT
SPE-4	.....	.....	...MDTLRSI	SSELVRSSQL	RWTLFSVIAN

TM1

SEL-12	ECMALVV.FI	MNTITFYSQN	NGRHLSHPE	VRETDSIVEK	GLMSLGNALV
S182	ECMVVVV.AT	IKSVSEYTRK	DG.QLIYTPF	TEDTETVGQR	ALHSILNAAI
E5-1	ECMIVVV.AT	IKSVRFYTEK	NG.QLIYTPF	TEDTPSVGQR	LLNSVLNTLI
SPE-4	MSLTLSIWIG	VYNMEVNSEL	SKTYFLDPSE	EQTIGNL...	LLDGFINGVG

TM2

TM3

SEL-12	MLC VVVLMTV	LIIVEYKYKE	YKLIHGWLIV	SSF LLLF...	..... LFTT
S182	MISVIVVNTI	LIVVLYKYRC	YKVIHAWLTI	SSL LLLF...	..... FFSF
E5-1	MISVIVVNTI	FLVVLYKYRC	YKEIHGWLIM	SSLMLLF...	..... LFTY
SPE-4	TILVLGCVSF	IMLAEVLDF	RRIVKAWLTL	SCLLILFGVS	AQTLHDMFSQ

TM4

SEL-12	IYVQEVKSF	DVSPSALLVL	FGLGNYGVLG	NMCIHWKGPL	RLQQFYLTIM
S182	IYLGEVFKTY	NVAVDYVTVA	LLIWNFGVVG	MISIHWKGPL	RLQQAYLIMI
E5-1	IYLGEVKTY	NVAMDYPTLL	LTVWNFGAVG	MVCIHWKGPL	VLQQAYLIMI
SPE-4	VFDQDDNNQY	YMTIVLIVVP	TVVYGFG..G	IYAFFSNSSL	ILHQIFVVTN

TM5

TM6

SEL-12	SALMALVFAK	YLPEWTWFEV	LFVISVWDLV	AVLT PKGPLR	YLVETAQRN
S182	SALMALVFAK	YLPEWTAWLI	LAVISVYDLV	AVLC PKGPLR	MLVETAQRN
E5-1	SALMALVFAK	YLPEWSAWVI	LGAVISVYDLV	AVLC PKGPLR	MLVETAQRN
SPE-4	CSLISVFYLR	VFPSKTTWFEV	LWIVLFWDLF	AVLAPMGPLK	KVQEKASDYS

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FIGURE 2B

TM7

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SEL-12	<b>EPIFPALIVS</b>	<b>SGVIYPYVLV</b>	TAV <b>E</b> NTTDPR	EPT <b>SSDS</b> NTS	TAFPG <b>EASCS</b>
S182	<b>ETLFPALIVS</b>	STMVW... <b>LV</b>	NMA <b>E</b> GDPEAQ	RRV <b>SKNS</b> KYN	AESTERES <b>SQD</b>
E5-1	<b>EPIFPALIVS</b>	SAMVW... <b>TV</b>	GMAKLDP...	... <b>SSQ</b> GALQ	LPYDP <b>E</b> MEED
SPE-4	KCVLNLIM <b>S</b>	ANEKRLTAGS	NQEETNEGEE	STIRRTVKQT	IEYYTKREAG

SEL-12	<b>SE</b> .....	.....	.....	...T <b>PKRPKV</b> K	RIPQKVQI <b>S</b>
S182	T.....	.....	.....	..... <b>VA</b>	ENDDGGF <b>SSE</b>
E5-1	<b>S</b> .....	.....	.....	..... <b>YD</b>	SFGEPSY <b>PV</b>
SPE-4	DDEFYQKIRQ	RRAAINPDSV	PTEHSPLVEA	EPS <b>P</b> IEL <b>KKE</b> K	NSTEELS <b>DDE</b>

SEL-12	NT <b>IASIT</b> QNS	GV <b>R</b> VER <b>E</b> LAA	ERP <b>T</b> VQDANF	HRH <b>EEEEER</b> G	.....
S182	WEAQRDSHLG	PH <b>R</b> STP <b>E</b> SRA	AVQELSSSIL	AGED <b>P</b> EERG	.....
E5-1	FEPPL <b>T</b> GYPG	EEL.....	.....	... <b>EEEEER</b> G	.....
SPE-4	SD <b>TSE</b> <b>TSSGS</b>	SNLSSSDSST	TVS <b>T</b> SDISTA	EECDQ <b>K</b> EWD	LVSNSLPNND

SEL-12	.....	..... <b>VKLGL</b>	<b>GDFIFYSVL</b> L	<b>GKASSYF</b> .. <b>D</b>	<b>WNTTAC</b> Y <b>VA</b>
S182	.....	..... <b>VKLGL</b>	<b>GDFIFYSVL</b> V	<b>GKASATAS</b> G <b>D</b>	<b>WNTTAC</b> F <b>VA</b>
E5-1	.....	..... <b>VKLGL</b>	<b>GDFIFYSVL</b> V	<b>GKAAATGS</b> G <b>D</b>	<b>WNTTAC</b> F <b>VA</b>
SPE-4	KRPATAADAL	NDGE <b>VLR</b> LGF	<b>GDFVYS</b> LLI	GQAASGCP.	.FAV <b>T</b> SAALG

TM8

SEL-12	<b>ILIGLC</b> FTLV	<b>LLAVFKRALP</b>	<b>ALQFP</b> FSPDS	<b>FFTFVPAGSS</b>	PH <b>L</b> LHKS <b>LKS</b>
S182	<b>ILIGLC</b> LTLL	<b>LLAIFKKALP</b>	<b>ALPISIT</b> FGL	<b>VFF</b> FATDYL	QPFMDQLAFH
E5-1	<b>ILIGLC</b> LTLL	<b>LLAVFKRALP</b>	<b>ALPISIT</b> FGL	<b>IF</b> YFSTDNLV	RPFMDTLASH
SPE-4	<b>ILFGL</b> VVILT	VFSTEESTIP	<b>ALPLP</b> VICGT	<b>FCYF</b> SSMFFW	EQ <b>L</b> YG.....

TM9?

SEL-12	VY <b>V</b> INSLFLP	FLCIINFSII	S
S182	QF <b>V</b> I.....	.....	.
E5-1	QL <b>V</b> I.....	.....	.

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FIGURE 3A

FIGURE 3B

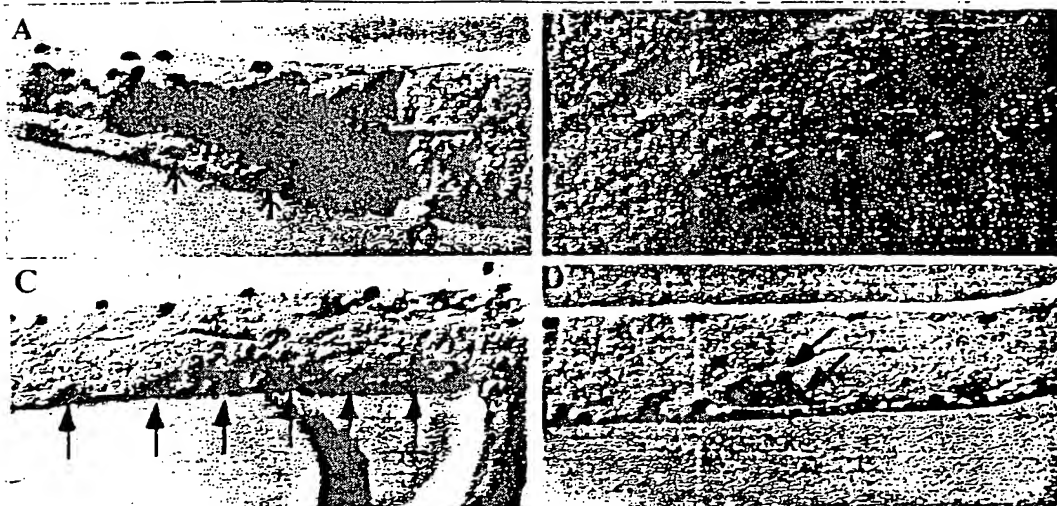


FIGURE 3C

FIGURE 3D